



DEPARTMENT OF THE ARMY  
U.S. ARMY MEDICAL MATERIEL AGENCY  
1423 SULTAN DRIVE, SUITE 100  
FORT DETRICK, MARYLAND 21702-5001

REPLY TO  
ATTENTION OF:

MCMR-MMR-OC

22 February 2005

**DESTRUCTION OF VACCINE  
STANDARD OPERATING PROCEDURES (SOP)**

**1. PURPOSE:** To provide procedural guidance for the proper disposition of compromised and/or expired vaccines distributed by the United States Army Medical Materiel Agency (USAMMA), Distribution Operations Center (DOC).

**2. REFERENCE:** Hazardous and Medical Waste Program, U.S. Army Center for Health Promotion and Preventive Medicine, Aberdeen Proving Ground, MD (USACHPPM), and Military Item Disposal Instructions (MIDI).

**3. APPLICABILITY:** The procedures contained herein are applicable to all Department of Defense (DoD) activities receiving the Anthrax, Smallpox and Influenza vaccine.

**4. DISPOSAL REQUIREMENTS:** DoD Activities are responsible for disposal of compromised or expired vaccine.

- a. Activities will report vaccine inventories on hand for destruction to their respective logistic agency.
- b. Activities must prepare a destruction document.

**5. HOW TO PREPARE A DESTRUCTION DOCUMENT:** Activities that have a standardized destruction document already in place do not need to prepare any additional destruction documents. The Destruction Document needs to be faxed to the USAMMA/DOC and must include the following information:

- a. Date when the vaccine was destroyed
- b. List of Lot Number(s) destroyed.
- b. Number of un-opened vials destroyed.
- c. Method of destruction.

**6. METHODS FOR DISPOSAL:** The disposal code for the Anthrax, Smallpox and Influenza Vaccine is CA01. Explanations for disposal are detailed in the following MIDI Websites:

(Short version) <http://chppm-www.apgea.army.mil/newmidi/short.aspx?param=CA01>

(Long version) <http://chppm-www.apgea.army.mil/newmidi/longview.aspx?param=CA01>

## 7. SPECIAL DISPOSAL INSTRUCTIONS:

a. Anthrax Vaccine Absorbed (AVA) and Influenza (Injectable) Vaccine: are considered non-hazardous waste. These vaccines can be disposed of in a sharps container if the facility has a Bio-Hazard program in place.

b. Influenza Virus Vaccine, Live, Intranasal (Flu Mist): **Do Not Autoclave**. This vaccine must be destroyed by incineration method only.

c. Smallpox Vaccine (Dryvax): **DO NOT DISPOSE OF SMALLPOX VACCINE (DRYVAX) UNLESS DIRECTED VIA A MEDICAL MATERIEL QUALITY CONTROL (MMQC) MESSAGE**

(1) **Non reconstituted** Smallpox Vaccine, in its dry form, is often extended past its original expiration date, based on repeated successful potency tests.

(2) **Reconstituted** Smallpox Vaccine, in its liquid form, expires 90 days after mixing the vial, regardless of the expiration date on the box. The expiration clock begins on the date that the vaccine is mixed.

**DO NOT DISCHARGE THESE ITEMS INTO A SANITARY SEWER**

## 8. DESTRUCTION DOCUMENT SHOULD BE SENT TO:

**U.S. ARMY (Executive Agent)**  
USAMMA Distribution Operations Center (DOC)  
COM: (301) 619-4318/7235/3017 DSN 343 - xxxx  
FAX: DSN 343-4468 COM: 301-619-4468  
EMAIL: [USAMMADOC@amedd.army.mil](mailto:USAMMADOC@amedd.army.mil)

**9. INSTRUCTIONS FOR ACTIVITIES THAT ARE UNABLE TO DISPOSE OF VACCINE AT THEIR FACILITY:** The following procedures should be followed in the event the above mentioned disposal methods are not available or immediate disposal is necessary:

- a. Contact the DOC and provide information regarding lot number(s) and quantity(s). The DOC will provide further shipping guidance.
- b. Remove each vial from its package.
- c. Tear or shred the insert and package and dispose of the insert and package as regular waste.
- d. Deface the label on each vial with red permanent marker.
- e. The activity will pack the container according to instructions provided and mail the container to DOC.
- f. The activity will call the USAMMA, DOC, and provide overnight express-mail tracking number for the container.

**10. QUESTIONS OR CONCERNS:** Those charged with the disposal and destruction should address all questions or concerns to USAMMA Pharmacist/COR: DSN: 343-4307/4317 or (301)-619-4307/4317, FAX x4468.

**Any proposed changes or updates to this SOP must be brought to the attention of the Distribution Operations Center (DOC), UNITED STATES ARMY MEDICAL MATERIEL AGENCY (USAMMA).**